

Table 5-12. Concentration of COCs Detected in Area F Surface Soils

Analyte	# of Samples Collected	# of Detections	Range of Detections	Mean ^{1/} Value	Median ^{2/} Value	Standard ^{3/} Deviation
Dioxin/Furan as 2,3,7,8-TCDD (TEQ) (ng/kg)	6	6	1.71-55.80	19.05	9.00	21.47
TCLP Dioxin/Furan as 2,3,7,8-TCDD (TEQ) (pg/L)	2	2	3.39-6.85	5.12	5.12	2.45
TOC (%)	6	6	1.67-46.0	17	7.6	22
Metals (mg/kg)						
Arsenic	6	5	3 CFJ-11.5 C	5.5	5.5	3.4
Barium	6	6	34-99 F	65	67	27
Cadmium	6	2	1 F-4 F	1.6	0.63	1.9
Chromium	6	6	31 F-87	59.8	63.3	21.3
Copper	6	6	33-60 F	43	40.5	9.8
Lead	6	6	11 C-23 F	18.3	19	4.1
Mercury	6	5	0.06 J-0.4	0.2	0.1	0.1
Nickel	6	6	26-52 F	38	35	9.7
Silver	6	1	1 FJ	na	na	na
Zinc	6	6	59-271 F	143	149	79
TCLP metals (mg/L)	6	0	All results below MRL.			

Notes: TEQ = Toxicity equivalency quotient

MRL = Method reporting limit

C = The MRL is elevated because the sample required diluting.

F = The MRL is elevated because of the low percent solids in the sample.

J = Estimated concentration

na = not applicable

1/ Sample arithmetic mean. Includes non-detect data assigned one-half the MDL.

2/ Sample median. Includes non-detect data assigned one-half the MDL.

3/ Sample arithmetic standard deviation. Includes non-detect data assigned one-half the MDL.